1) Family number: 3801179 (EP0174624 A1) | full-text | status | citations | | > |

Title: Process for the preparation of lactic-acid esters.

Title:(2): Verfahren zur Herstellung von Milchsäureestern.

Priority: DE19843433400 19840912 DE19853560360 19850907
Priority Map

Family: Family Explorer

Publication number	Publication date	Application number	Application date	Links
DE3433400 A1	19860320	DE19843433400	19840912	
DE3560360 D1	19870827	DE19853560360	19850907	
DK412685 A0	19850911	DK19850004126	19850911	
DK412685 A	19860313	DK19850004126	19850911	
EP0174624 A1	19860319	EP19850111340	19850907	
EP0174624 B1	19870722	EP19850111340	19850907	
ES546878 A1	19860316	ES19850546878	19850911	
ES8605463 A1	19860901	ES19850546878	19850911	
JP61074588 A2	19860416	JP19850193261	19850903	

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International class (IPC 1-7): C07C67/00 C07C67/08 C07C69/68 C12P7/62

European class: 124BD121X2202X2+69/66 C07C59/08

Cited documents: US2390140, US1695449, US1668806, DE3222837,

Abstract:
Source: EP0174624A1 1. A process for the preparation of an optically pure alkyl D- or L-lactate by reaction of calcium lactate, prepared by fermentation, with an alcohol in the presence of a strong acid, wherein the crude fermentation mixture is filtered while hot, the calcium lactate is isolated as a solid from the filtrate by spray drying and is reacted with an alcohol in the presence of an acid which forms a readily water-soluble calcium salt, the water present in the reaction mixture or formed during the esterification is separated off by azeotropic distillation with the aid of an entraining agent, and the lactic acid ester is isolated from the reation mixture in a conventional manner.